

INTERNATIONAL SEARCH REPORT

International Application No
PCT/JP2004/016457

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7	C07D213/80	C07D213/82	C07D213/56	C07D213/55	C07D401/12
	C07D213/59	C07D401/06	C07D413/06	C07F9/40	C07D213/71
	C07D213/75	C07D409/12	C07D405/12	C07D213/12	C07D413/12

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07D C07F A61K A61P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, CHEM ABS Data, WPI Data, BEILSTEIN Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 218 431 B1 (SCHOEN WILLIAM R ET AL) 17 April 2001 (2001-04-17) cited in the application column 161; example 73 column 62; example CXLVI column 104; figure 7 column 189 – column 190; examples 120-123 column 66; table 2B	1-20
X	PATENT ABSTRACTS OF JAPAN vol. 013, no. 212 (P-873), 18 May 1989 (1989-05-18) -& JP 01 029979 A (MITSUBISHI ELECTRIC CORP), 31 January 1989 (1989-01-31) abstract examples 73-82, 92-118	1-20
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Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the International filing date
- "L" document which may throw doubts on priority, claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the International filing date but later than the priority date claimed

- "T" later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the International search

2 February 2005

Date of mailing of the International search report

17/02/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patenttaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax (+31-70) 340-3016

Authorized officer

Kollmannsberger, M

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DATABASE CAPLUS 'Online! CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; SAMMOUR, A. ET AL: "Base catalyzed addition reaction with diaroyl ethylenes and some chalcones" XP002315994 retrieved from STN Database accession no. 1979:611215 compound with RN 71543-88-9 abstract & EGYPTIAN JOURNAL OF CHEMISTRY , VOLUME DATE 1976, 19(6), 989-1011 CODEN: EGJCA3; ISSN: 0367-0422, 1979, -----	1-11,13, 15
X	DATABASE CAPLUS 'Online! CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; PAVEL, G. V. ET AL: "Condensation of aldehydes and ketones. XVIII. Aminomethylation of methylene- and benzylidenediacetophenone" XP002315995 retrieved from STN Database accession no. 1968:496405 compound with RN 19731-37-4 abstract & KHIMIYA GETEROTSIKLICHESKIKH SOEDINENII , (3), 484-6 CODEN: KGSSAQ; ISSN: 0132-6244, 1968, -----	1-11,13, 15
X	EP 0 742 208 A (GRELAN PHARMACEUTICAL CO., LTD; LABORATOIRES FOURNIER S.C.A) 13 November 1996 (1996-11-13) page 24; examples 43,44 -----	1-11,13, 15
A	WO 03/068757 A1 (F. HOFFMANN-LA ROCHE AG) 21 August 2003 (2003-08-21) cited in the application claims -----	1-21
A	US 2003/195188 A1 (BOEHRINGER MARKUS ET AL) 16 October 2003 (2003-10-16) claims -----	1-21

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Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:
Although claims 19 and 20 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2. Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple Inventions in this international application, as follows:

1. As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the Invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- The additional search fees were accompanied by the applicant's protest.
 No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/JP2004/016457

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
US 6218431	B1	17-04-2001	AU BG BR CA CN CZ EP HR HU ID JP KR NO NZ PL RU TR TR TR TW WO ZA	3897197 A 103200 A 9710637 A 2262434 A1 1239474 A 9900308 A3 0934274 A1 970425 A1 0100324 A2 19422 A 2001512416 T 2000029723 A 990399 A 333951 A 333465 A1 2195443 C2 9900163 T2 9902325 T2 9902326 T2 520360 B 9804528 A2 9706730 A		20-02-1998 30-11-1999 31-10-2000 05-02-1998 22-12-1999 12-05-1999 11-08-1999 31-08-1998 28-05-2001 09-07-1998 21-08-2001 25-05-2000 29-03-1999 29-09-2000 20-12-1999 27-12-2002 21-04-1999 21-02-2000 22-05-2000 11-02-2003 05-02-1998 29-07-1999
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